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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/723,862	CHALECKI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Cheryl Lewis	2167	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the applicants' communication received on November 14, 2007.
2. ☒ The allowed claim(s) is/are 1-30.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

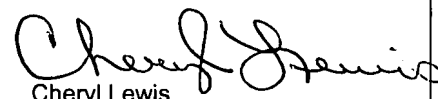
4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 09 August 2007
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

  
Cheryl Lewis  
Patent Examiner, A.U. 2167  
November 23, 2007

### DETAILED ACTION

1. Claims 1-30 are allowed.

#### *Drawings*

2. The drawings filed on November 26, 2003 are accepted by the Examiner.

### EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Daniel McGinnity on November 19, 2007.

4. Claims 1, 11, 19, 38, 45, and 47 have been amended as follows:

1. (Currently Amended) A computer implemented method comprising:

reading a processing instruction (PI) in an XML data file governed by a solution to determine the solution's origin, wherein the PI contains an entity selected from the group consisting of:

a href attribute that points to a URL;

a name;

a target that includes a character string that identifies an application used to create an HTML electronic form associated with the XML data file;

and

a href attribute and at least one of a PI version and a product version;  
determining security precautions for executing the solution based on the  
solution's origin; and  
silently installing the solution from a source other than the solution's origin within  
a sandbox enforcing the security precautions.

11. (Currently Amended) A computer-readable medium comprising instruction  
that, when executed by a computer, performs acts of: method of Claim 1.

reading a processing instruction (PI) in an XML data file governed by a solution  
to determine the solution's origin, wherein the PI contains an entity selected from the  
group consisting of:

a href attribute that points to a URL;

a name;

a target that includes a character string that identifies an application used  
to create an HTML electronic form associated with the XML data file;

and

a href attribute and at least one of a PI version and a product version;  
determining security precautions for executing the solution based on the  
solution's origin; and  
silently installing the solution from a source other than the solution's origin within  
a sandbox enforcing the security precautions.

19. (Currently Amended) An apparatus comprising:

- means for displaying a representation of an XML data file;
- means for selecting the XML data file;
- processor means for reading a processor instruction (PI) PI in the XML data file,

wherein the PI contains an entity selected from the group consisting of:

- a href attribute that points to a URL;
- a name;
- a target that includes a character string that identifies an application used to create an HTML electronic form associated with the XML data file;

and

- a href attribute and at least one of a PI version and a product version;

means, using the entity, for discovering and deploying, without user interaction, a solution application governing the XML data file from an offline memory source;

means for displaying the HTML electronic form, wherein the HTML electronic form represents a product of the solution application and the XML data file;

means for enabling a user to enter information into the HTML electronic form;

means for receiving information entered into the HTML electronic form;

and

means for altering the XML data file to reflect the information received.

26. (Currently Amended) A computer readable medium comprising instruction that, when executed:

reads a processing instruction (PI) in an XML data file governed by a solution to determine the solution's origin, wherein the PI contains an href attribute that points to a URL;

determines security precautions for executing the solution based on the solution's origin, wherein the security precautions indicate a trust level in the solution;

and

silently installs the solution from a source other than the solution's origin within a sandbox enforcing the security precautions to limit operations of the solution according to the trust level.

27. (Currently Amended) A computer readable medium comprising instruction that, when executed:

reads a processing instruction (PI) in an XML data file governed by a solution to determine the solution's origin, wherein the PI contains a name;

determines security precautions for executing the solution based on the solution's origin, wherein the security precautions indicate a trust level in the solution;

and

silently installs the solution from a source other than the solution's origin within a sandbox enforcing the security precautions to limit operations of the solution according to the trust level.

28. (Currently Amended) A computer readable medium comprising instruction that, when executed:

reads a processing instruction (PI) in an XML data file governed by a solution to determine the solution's origin, wherein the PI contains a target that includes a character string that identifies an application used to create an HTML electronic form associated with the XML data file;

determines security precautions for executing the solution based on the solution's origin, wherein the security precautions indicate a trust level in the solution;  
and

silently installs the solution from a source other than the solution's origin within a sandbox enforcing the security precautions to limit operations of the solution according to the trust level.

30. (Currently Amended) A computer readable medium comprising instruction that, when executed by a computer:

reads a processing instruction (PI) in an XML data file governed by a solution to determine the solution's origin, wherein the PI contains a href attribute and at least one of a PI version and a product version;

determines security precautions for executing the solution based on the solution's origin, wherein the security precautions indicate a trust level in the solution;  
and

silently installs the solution from a source other than the solution's origin within a sandbox enforcing the security precautions to limit operations of the solution according to the trust level.

### **REASONS FOR ALLOWANCE**

5. The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including "reading a processing instruction (PI) in an XML data file governed by a solution to determine the solution's origin, wherein the PI contains an entity selected from the group consisting of: a href attribute that points to a URL; a name; a target that includes a character string that identifies an application used to create an HTML electronic form associated with the XML data file; and a href attribute and at least one of a PI version and a product version" and "silently installing the solution from a source other than the solution's origin within a sandbox enforcing the security precautions" and as recited in independent claim 1 and similarly recited in independent claims 11, 12, 19, 23, 26, 27, 28, and 30.

As per claim 20, the prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including "means, when the likelihood exceeds a threshold, for discovering the solution application using the name in the PI; means for examining one of a URL or an URN in the PI to assess the likelihood that the PI includes a solution identifier for the solution application; and means, when the likelihood exceeds a threshold, for discovering the solution application using the one of a URL or an URN".

Art Unit: 2167

As per claim 21, the prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including "The XSLT presentation application can be applied to transform the coupled portions of the XML data file into an HTML electronic form containing data-entry fields associated with the coupled portions".

The remaining claims, 13-18, 22, 24, 25, and 29, are dependent claims, thus these claims are patently distinct over the art of record for at least the above reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure as follows:

a. Miller et al. (Publication No. 2004/0088647) discloses a web-based xml document processing system.



**NAME OF CONTACT**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2167

For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Cheryl Lewis/

Patent Examiner, A.U. 2167

November 23, 2007